## What is claimed is:

4

- A circulation system for a mover that includes a first inlet and a
   second inlet, the circulation system comprising:
  - a fluid source that directs a first fluid to the first inlet and a second fluid to the second inlet, wherein a temperature of the first fluid at the first inlet is different than a temperature of the second fluid at the second inlet.
- The circulation system of claim 1 wherein the temperature of the first
   fluid at the first inlet is at least approximately 2 degrees C greater than the temperature of the second fluid at the second inlet.
- The circulation system of claim 1 wherein the temperature of the first
   fluid at the first inlet is at least approximately 5 degrees C greater than the temperature of the second fluid at the second inlet.
- The circulation system of claim 1 wherein the temperature of the first
   fluid at the first inlet is at least approximately 10 degrees C greater than the temperature of the second fluid at the second inlet.
- 5. A mover combination comprising (i) a mover having a magnet component and a conductor component and (ii) the circulation system of claim 1.
- 6. The mover combination of claim 5 wherein the mover is positioned in a room that is at a room temperature, and wherein the temperature of the first fluid at the first inlet is approximately equal to the room temperature.
- The mover combination of claim 5 wherein the mover includes a first
   passageway and a second passageway, wherein the first inlet is in fluid communication with the first passageway and the second inlet is in fluid
   communication with the second passageway.
- 8. The mover combination of claim 7 wherein the first passageway encircles at least a portion of the second passageway.

- The mover combination of claim 8 wherein the conductor component
   includes a conductor array and the first passageway encircles at least a portion of the conductor array and the conductor array encircles at least a portion of the
   second passageway.
- 10. The mover combination of claim 8 wherein the passageways are substantially coaxial.
- The mover combination of claim 5 wherein the first fluid source
   includes a first conduit that transports the first fluid and a second conduit that transports the second fluid, wherein at least a portion of the first conduit encircles
   the second conduit.
- 12. The mover combination of claim 5 wherein the magnet component
   includes a pair of spaced apart magnet arrays and the conductor component includes a conductor array positioned between the magnet arrays.
- 13. The mover combination of claim 5 wherein the mover is a linear 2 motor.
- 14. The mover combination of claim 5 wherein the mover is a voice coil 2 motor.
  - 15. An isolation system including the mover combination of claim 5.
  - 16. A stage assembly including the mover combination of claim 5.
  - 17. An exposure apparatus including the mover combination of claim 5.
- 18. An object on which an image has been formed by the exposure 2 apparatus of claim 16.
- 19. A semiconductor wafer on which an image has been formed by the 2 exposure apparatus of claim 16.

- 20. A circulation system for a mover that includes a first inlet and a second inlet, the circulation system comprising:
- a fluid source that directs a first fluid into the first inlet and a second
  fluid into the second inlet, the fluid source including a first conduit that
  transports the first fluid and a second conduit that transports the second
  fluid, wherein at least a portion of the second conduit is encircled by the
  first conduit.
- 21. The circulation system of claim 20 wherein a temperature of the
  2 second fluid at the second inlet is different than a temperature of the first fluid at the first inlet.
- The circulation system of claim 21 wherein the temperature of the
   first fluid at the first inlet is at least approximately 5 degrees C greater than the temperature of the second fluid at the second inlet.
- 23. The circulation system of claim 21 wherein the temperature of the
   2 first fluid at the first inlet is at least approximately 10 degrees C greater than the temperature of the second fluid at the second inlet.
- 24. The circulation system of claim 20 wherein at least approximately 10 percent of the second conduit is encircled by the first conduit.
- 25. The circulation system of claim 20 wherein at least approximately 50
  2 percent of the second conduit is encircled by the first conduit.
- 26. A mover combination comprising (i) a mover having a magnet component and a conductor component and (ii) the circulation system of claim 20.
- 27. The mover combination of claim 26 wherein the mover is positioned
  2 in a room that is at a room temperature, and wherein a temperature of the first fluid at the first inlet is approximately equal to the room temperature.

- 28. The mover combination of claim 26 wherein the mover includes a first passageway and a second passageway, wherein the first inlet is in fluid communication with the first passageway and the second inlet is in fluid communication with the second passageway.
- 29. The mover combination of claim 28 wherein the first passageway 2 encircles at least a portion of the second passageway.
- 30. The mover combination of claim 29 wherein the conductor
   component includes a conductor array and wherein the first passageway encircles at least a portion of the conductor array and the conductor array encircles at least
   a portion of the second passageway.
  - 31. An isolation system including the mover combination of claim 26.
  - 32. A stage assembly including the mover combination of claim 26.
  - 33. An exposure apparatus including the mover combination of claim 26.
- 34. An object on which an image has been formed by the exposure 2 apparatus of claim 33.
- 35. A semiconductor wafer on which an image has been formed by the exposure apparatus of claim 33.
- 36. A method for controlling the temperature of a mover, the mover including a first inlet and a second inlet, the method comprising the steps of:

directing a first fluid from a fluid source into the first inlet; and

- directing a second fluid from the fluid source into the second inlet, wherein a temperature of the second fluid at the second inlet is different than a temperature of the first fluid at the first inlet.
- 37. The method of claim 36 wherein the temperature of the first fluid at
   2 the first inlet is at least approximately 2 degrees greater than the temperature of the second fluid at the second inlet.

- 38. The method of claim 36 wherein the temperature of the first fluid at
   the first inlet is at least approximately 5 degrees greater than the temperature of the second fluid at the second inlet.
- 39. The method of claim 36 wherein the temperature of the first fluid at
  2 the first inlet is at least approximately 10 degrees greater than the temperature of the second fluid at the second inlet.
- 40. A method for making a mover combination, the method comprising the steps of: (i) providing a mover having a magnet component and a conductor component and (ii) controlling the temperature of the mover with the method of claim 36.
- 41. The method of claim 40 wherein the mover is positioned in a room that is at a room temperature, and wherein the temperature of the first fluid at the first inlet is approximately equal to the room temperature.
- 42. The method of claim 40 wherein the mover includes a first passageway and a second passageway, wherein the first inlet is in fluid communication with the first passageway and the second inlet is in fluid communication with the second passageway.
- 43. The method of claim 42 wherein the first passageway encircles at least a portion of the second passageway.
- 44. The method of claim 40 wherein the fluid source includes a first conduit that transports the first fluid and a second conduit that transports the second fluid, and wherein at least a portion of the first conduit encircles the second conduit.
- 45. A method for making an isolation system comprising the steps of providing an mover and circulation of the fluids around the mover pursuant to the method of claim 36.

- 46. A method for making a stage assembly comprising the steps of providing an mover that moves a stage and circulation of the fluids around the mover pursuant to the method of claim 36.
- 47. A method for making an exposure apparatus comprising the steps of providing an mover and circulation of the fluids around the mover pursuant to the method of claim 36.
- 48. A method of making a wafer utilizing the exposure apparatus made 2 by the method of claim 47.
- 49. A method of making a device utilizing the exposure apparatus made 2 by the method of claim 47.